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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/829,320	04/21/2004	Tomomi Momohara	81790.0312	5681
26021	7590	09/27/2004	EXAMINER	
HOGAN & HARTSON L.L.P. 500 S. GRAND AVENUE SUITE 1900 LOS ANGELES, CA 90071-2611			FENTY, JESSE A	
			ART UNIT	PAPER NUMBER
			2815	

DATE MAILED: 09/27/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 10/829,320	Applicant(s) MOMOHARA, TOMOMI	
	Examiner Jesse A. Fenty	Art Unit 2815	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 21 April 2004.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 20-39 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 20-25 and 32-35 is/are rejected.
- 7) ☒ Claim(s) 26-31, 36 and 37 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date <u>07/12/04, 04/21/04</u> | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 20-25 and 32-35 are rejected under 35 U.S.C. 102(b) as being anticipated by Fujita et al. (U.S. Patent No. 5,336,915).

In re claims 20 and 32, Fujita (Figs. 1-7) discloses a semiconductor device comprising:

A semiconductor substrate (10) of a first conductivity type;

A first well (14) of a second conductive type provided in the semiconductor substrate;

A second well (18) of the first conductive type provided in the first well;

A third well (12) of the second conductive type provided in the semiconductor substrate;

A fourth well (16) of the first conductive type provided in the third well;

Semiconductor elements (22-3, 22-4, 20-3, 20-4) provided in the first and second wells, the semiconductor elements constructing a first functional integrated circuit (analog circuit);

Semiconductor elements (22-1, 22-2, 20-1, 20-2) provided in the third and fourth wells, the semiconductor elements constructing a second functional integrated circuit (digital circuit);

A first internal power source voltage generating circuit (51) provided in the first well, the first internal power source voltage generating circuit configured to generate a first internal power source voltage being applied to the first functional integrated circuit; and

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A second internal power source voltage generating circuit (84) provided in the third well, the second internal power source voltage generating circuit configured to generate a second internal power source voltage being applied to the second functional integrated circuit.

In re claims 21 and 33, Fujita (Figs. 4, 5) discloses the devices of claims 20 and 32 respectively, wherein each of the first and second functional integrated circuits has a dedicated output (63, 74) terminal for outputting an output signal when a potential is applied to the potential application terminal thereof.

In re claim 22, Fujita (Fig. 6) discloses the device of claim 20, further comprising:

A first controlling circuit (Vcc1) provided in the first well and configured to control the first internal power source voltage generating circuit based on an inputted first control signal; and

A second controlling circuit (Vcc2) provided in the third well and configured to control the second internal power source voltage generating circuit based on an inputted second control signal.

In re claim 23, Fujita (Fig. 1) discloses the device of claim 20, wherein the first internal power source voltage generating circuit generates the first internal power source voltage according to an external power source voltage (Vcc1), and the second internal power source voltage generating circuit generates the second internal power source voltage according to the first internal power source voltage.

In re claims 24 and 35, Fujita (Figs. 4, 5) discloses the devices of claims 23 and 34, further comprising:

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A first controlling circuit (51 and Comp) provided in the first well and configured to control the first internal power source voltage generating circuit which turned-on and turned-off (via switches 72-1 – 72-256) generating the first internal power source voltage based on an inputted first signal;

A second controlling circuit provided in the third well and configured to control the second internal power source voltage generating circuit which turned-on and turned-off (via switches 81-1 – 81-256) generating the second internal power source voltage based on an inputted second control signal.

In re claim 25, Fujita discloses the device of claim 20, wherein the first functional integrated circuit and the second functional integrated circuit each include an analog and a digital circuit.

In re claim 34, Fujita discloses the device of claim 32, wherein the internal power source voltage generating circuit generates the first and second internal power source voltages according to an external power source voltage (V_{cc1}).

In re claim 35, Fujita discloses the device of claim 34,

Allowable Subject Matter

3. Claims 26-31 and 36-39 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

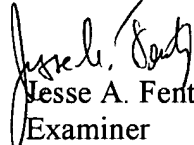
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Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jesse A. Fenty whose telephone number is 571-272-1729. The examiner can normally be reached on 5/4-9 1st Fri. Off.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Tom Thomas can be reached on 571-272-1664. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).


Jesse A. Fenty
Examiner
Art Unit 2815